

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/060179 A1**

(51) International Patent Classification?: ~ H04L 12/56,  
H04Q 7/22, 7/32

Jani [FI/FI]; Pajukonkatu 25 B 8, FI-33820 Tampere  
(FI). HEIKKILÄ, Kari, O. [FI/FI]; Kaaponkuja 7 C 11,  
FI-33820 Tampere (FI).

(21) International Application Number:  
PCT/FI2004/000770

(74) Agent: FORSSÉN & SALOMAA OY; Eerikinkatu 2,  
FI-00100 Helsinki (FI).

(22) International Filing Date:  
16 December 2004 (16.12.2004)

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20031865 19 December 2003 (19.12.2003) FI

(71) Applicant (for all designated States except US): NOKIA  
CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Es-  
poo (FI).

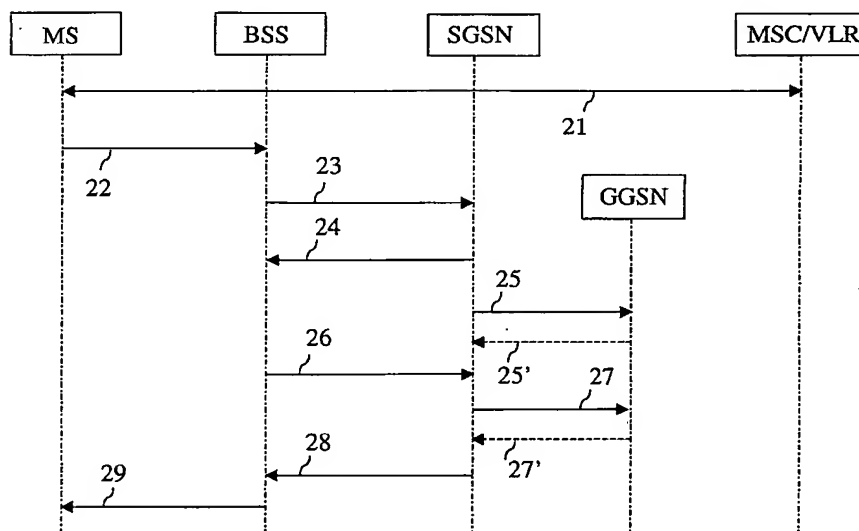
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

(72) Inventors; and

(75) Inventors/Applicants (for US only): HIRSIMÄKI,

[Continued on next page]

(54) Title: CONTROL OF A SUSPEND STATE



(57) Abstract: The invention relates to a method for controlling a suspend state concerning a terminal device (MS) that is provided with both circuit-switched and packet-switched services by a communication network but that can only use: either the circuit-switched or the packet-switched service at a time. In a situation in which the terminal device (MS) enters into the suspend state in the packet-switched service in order to use the circuit-switched service, the method comprises supplying information (25) about the terminal device's (MS) entry into the suspend state to a gateway node of said communication network, such as a Gateway GPRS Support Node (GGSN) of a GPRS network.

WO 2005/060179 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*